

Title (en)
ROTARY LATCH PLATES

Title (de)
DREHKLINKENBLECHE

Title (fr)
PLAQUES DE VERROUILLAGE ROTATIF

Publication
EP 3216955 A1 20170913 (EN)

Application
EP 17275036 A 20170310

Priority
US 201615068221 A 20160311

Abstract (en)
A rotary latch assembly is provided wherein the front plate has a C-shaped configuration with opposite top and bottom flanges, and an interconnecting front face. A back plate is connected to the front plate for use in right-handed and left-handed applications. One or more trip levers are mounted on the plates to release the catch and rotor from a latched position. An embossment is provided on the front plate to strengthen the assembly and to support the rotor and the catch. Indicia is provided on the latch assembly to provide for ease of alignment with the striker for proper latching.

IPC 8 full level
E05B 85/02 (2014.01); **E05B 63/00** (2006.01); **E05B 63/04** (2006.01); **E05B 79/06** (2014.01)

CPC (source: EP US)
E05B 63/0056 (2013.01 - EP US); **E05B 63/042** (2013.01 - EP US); **E05B 63/044** (2013.01 - US); **E05B 79/06** (2013.01 - EP US); **E05B 79/08** (2013.01 - US); **E05B 85/02** (2013.01 - EP US); **G09F 23/00** (2013.01 - US); **Y10S 292/53** (2013.01 - US); **Y10S 292/54** (2013.01 - US)

Citation (search report)

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- [XY] US 2004178643 A1 20040916 - MARZOLF RICCI L [US], et al
- [XY] FR 2937071 A1 20100416 - COUTIER MOULAGE GEN IND [FR]
- [Y] GB 2447357 A 20080910 - TRI MARK CORP [US]
- [Y] US 7140649 B1 20061128 - GREGORY SHAWN [US]
- [X] WO 02079598 A2 20021010 - TRI MARK [US], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3216955 A1 20170913; **EP 3216955 B1 20201209**; US 10697207 B2 20200630; US 2017260777 A1 20170914

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